

Title (en)

A method of locating synchronisation information in a signal flow, and a corresponding receiver

Title (de)

Verfahren zur Lokalisierung von Synchronisierungsinformation in einem Signalfluss und entsprechender Empfänger

Title (fr)

Méthode de localisation d'information de synchronisation dans un flux de signal et récepteur correspondant

Publication

**EP 1107483 A1 20010613 (EN)**

Application

**EP 99440351 A 19991210**

Priority

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Abstract (en)

The invention relates, inter alia, to a method of locating, at a mobile station, synchronization information in a signal flow transmitted by a candidate access station while the mobile station has already located synchronization information in another signal flow transmitted by a serving access station. According to the invention, the method consists in communicating to the mobile station a first indication relating to a timing difference between the candidate access station and the serving access station and a second indication relating to a distance between the serving access station and the candidate access station. The mobile station further limits the search of the synchronization information in the signal flow received from the candidate access station to a search window, which size and position in the signal flow depends on the first indication, the second indication and the location of the synchronization in the signal flow received from the serving access station. In particular, the first and second indication are sent by a radio network controller controlling the access stations, to the mobile station. <IMAGE>

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Citation (search report)

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